

Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY DOCKET NO.
104681.03APPLICATION NO.
Rule 53(b) Continuation of
10/032,462 filed January 2,
2002APPLICANT(S)
Toshihiro SASAYA et al.FILING DATE
July 10, 2003

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
FEB	4,801,977	01-1989	Ishizaka et al.	—	—
FEB	4,965,630	10-1990	Kato et al.	—	—
FEB	4,666,273	05-1987	Shimizu et al.	—	—
FEB	4,871,237	10-1989	Anzai et al.	—	—
FEB	4,883,345	11-1989	Anzai et al.	—	—
FEB	4,919,524	04-1990	Shinohara	—	—
FEB	6,078,380	06-2000	Taniguchi et al.	—	—

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
CH-PS 504863	07-1969	SWITZERLAND	—	—
JP-A-63-185024 (w/abstract)	07/1988	Japan	—	—
JP-A-4-355419 (w/abstract)	12/1992	Japan	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

FEB	"ABC Der Optik", Karl Mutze, Verlag Werner Dausien, Hanau/Main, 1972, pp. 25-27 and 65
FEB	"Lexikon der Optik", Heinz Haferkorn, Verlag Werner, Dausien, Hanau/Main, 1990, page 57
FEB	Partial Translation of CH-PS 504863
FEB	Partial Translation of "ABC Der Optik"
FEB	Partial Translation of "Lexikon der Optik"

EXAMINER

Fred L. Brown

DATE CONSIDERED

April 2, 2004

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
FSB		4,801,808	01-1989	Hamasaki	—	—
FSB		4,943,733	07-1990	Mori et al.	—	—
FSB		5,105,075	04-1992	Ohta et al.	—	—
FSB		5,308,991	05-1994	Kaplan	—	—
FSB		5,367,406	11-1994	Suzuki et al.	—	—
FSB		5,432,587	07-1995	Nozue	—	—
FSB		5,459,577	10-1995	Ototake et al.	—	—
FSB		5,581,324	12-1996	Miyai et al.	—	—
FSB		5,677,757	10-1997	Taniguchi et al.	—	—

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
FSB		EP-A2-0 307 726	03-1989	Europe	—	—
FSB		EP-A1-0 660 169	06-1995	Europe	—	—
FSB		JP-A-63-6553	01-1988	Japan	—	—
FSB		JP-A-59-144127	08-1984	Japan	—	—
FSB		JP-A-63-232320	09-1988	Japan	—	—
FSB		JP-A-5-251303	09-1993	Japan (with abstract)	—	—
FSB		JP-A-6-5490	01-1994	Japan (with abstract)	—	—
FSB		JP-A-6-349702	12-1994	Japan (with abstract)	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
FSB FSB		English-language translation of JP-A-59-144127.
		English-language translation of JP-A-63-232320.
FSB		English-language translation of JP-A-63-6553.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
FSB		5,424,552	06-1995	Tsuji et al.	—	—
FSB		5,392,119	02-1995	McArthur et al.	—	—
FSB		5,231,431	07-1993	Yano et al.	—	—
FSB		4,259,004	03-1981	Tateoka et al.	—	—
FSB		4,730,900	03-1988	Uehara et al.	—	—
FSB		5,117,255	05-1992	Shiraishi et al.	—	—
FSB		5,309,198	05-1994	Nakagawa	—	—
FSB		5,260,832	11-1993	Togino et al.	—	—
FSB		4,883,345	11-1989	Anzai	—	—
FSB		5,350,924	09-1994	Stengl et al.	—	—
FSB		5,095,386	03-1992	Scheibengraber	—	—
FSB		4,965,630	10-1990	Kato et al.	—	—
FSB		4,888,614	12-1989	Suzuki et al.	—	—
FSB		3,583,790	06-1971	Baker	—	—

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
FSB		JP-62-35619	02-1987	Japan	—	—
FSB		JP-62-35620	02-1987	Japan	—	—
FSB		JP-5-173065	07-1993	Japan	—	—
FSB		JP-63-185024	07-1988	Japan	—	—
FSB		JP-4-355419	12-1992	Japan	—	—
FSB		JP-61-254915	11-1986	Japan	—	—
FSB		2,138,163	10-1984	United Kingdom	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		

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